

Fig.1.

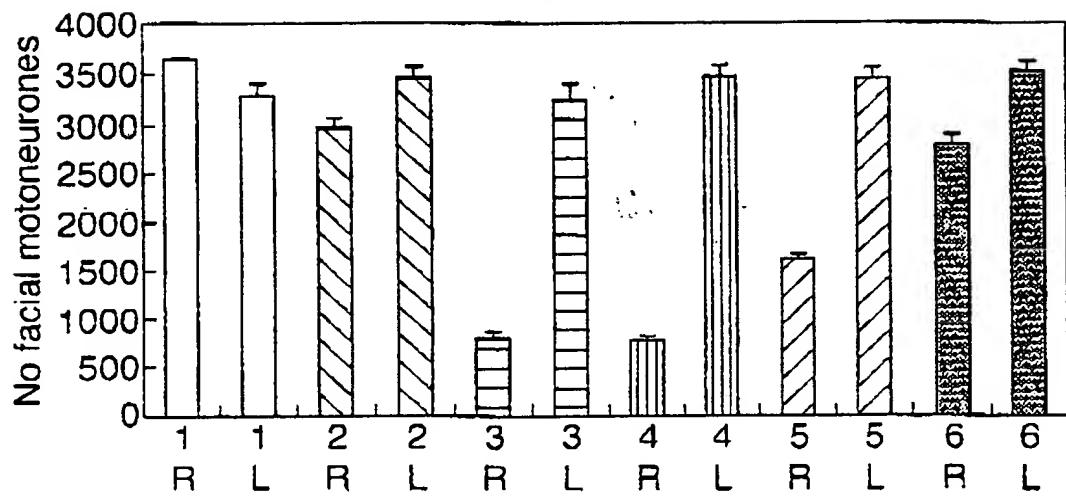


Fig.2.

Avulsion

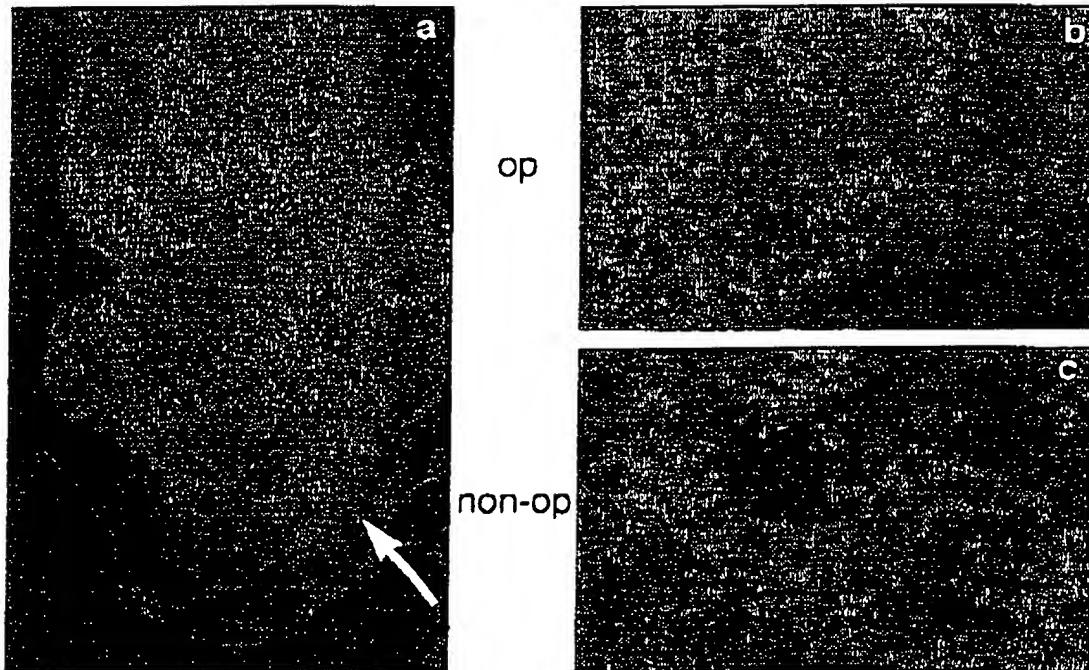


Fig.3.
Plasmid

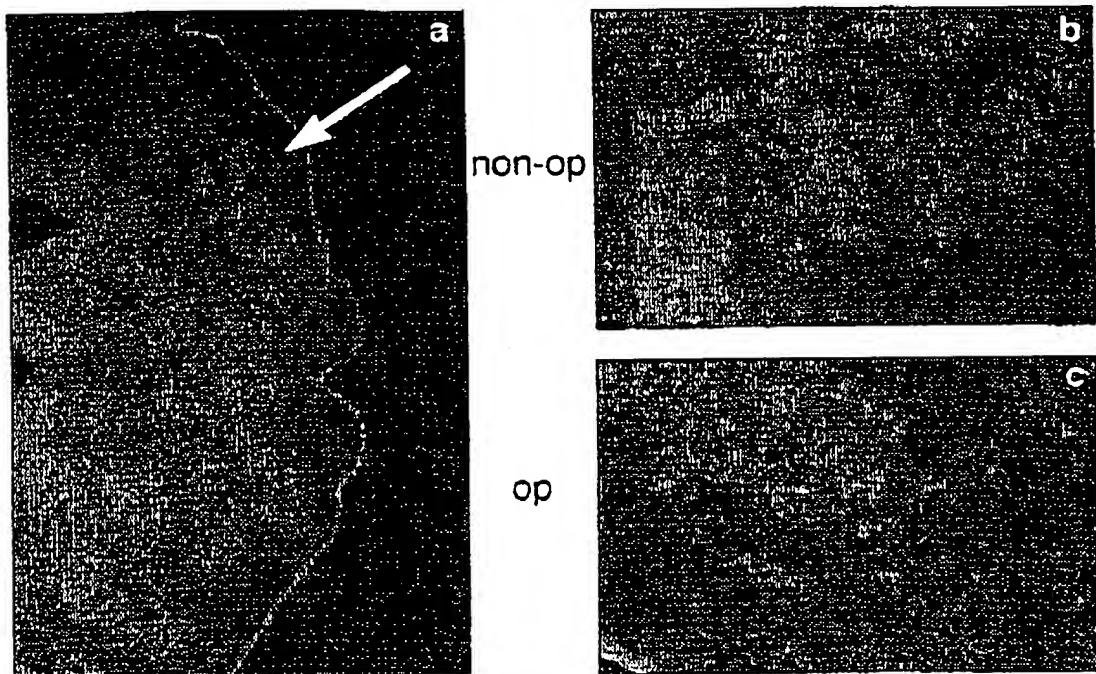
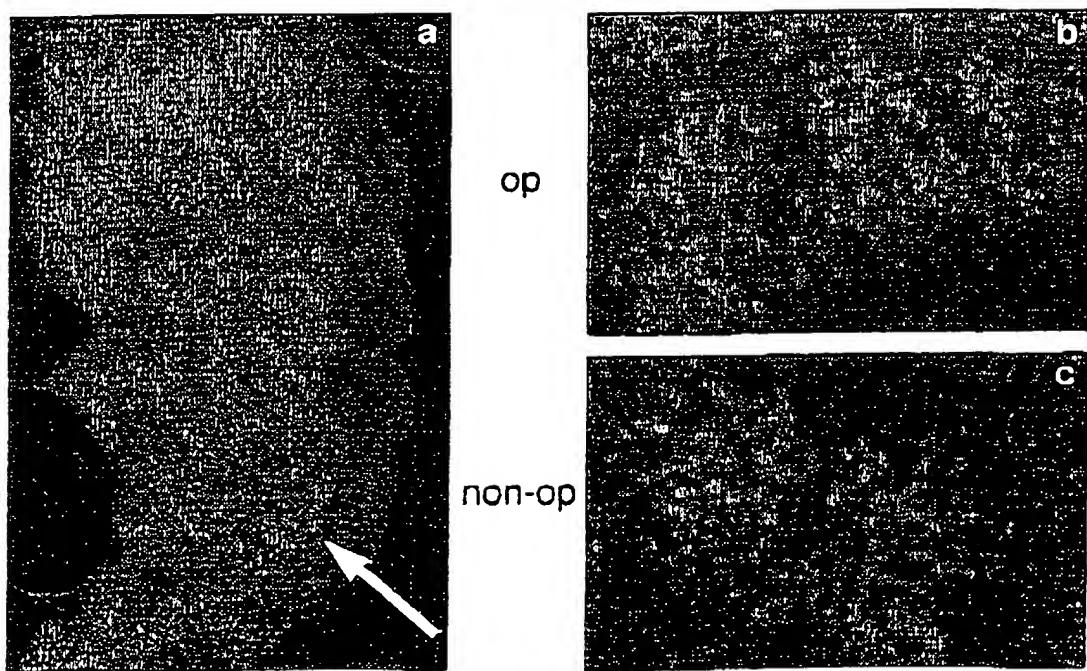


Fig.4.
MGF Plasmid



5.
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CDNA sequence of Human MGF

Exon 4
GGACCGGAGACGCCTGGGGGTGAACTGGTGGATGCTTCAGCTCCCTTTAACAAGCCCCACAGGGTATGGCTTACAGCAGTCGG

AGGGCGCTAGACAGGCATCGTGGATGAGTGCTGCTTCGGAGATGTCTAAGGGAGCTGGATGTTATTGGCACCCTCAAGCTGCCAAAGTCAGGCTCGCTC
Exon 5
TGTCCCTGTGCCAGCGCCAACCCGACTTCAAGAACCCAGGAGCTATAGCCCTCATCTACCAAAAGAAACACGAAGAACTACATTGAAAG
Exon 6

AACACAAGTAGAGGGAGAGGAGGAAACAAAGAACCTAACCCATTGTAGABCACCCATTGCGCACTAACACCTTACACACGTTA

CCCTGTTAAACATTTCCGATTACCGGGCCAAAATTCAGGTTTCACTTGTTTGT

protein sequence of Human MCF

Exon 4 **Exon 3**

qargalaProGlnThrGlyIleValAspGluCysPheArgSerValMetValCysAlaProGlu

Exon 6
Exon 5
Exon 4
Exon 3
Exon 2
Exon 1

Glutis Lys

Fig. 6.

cDNA sequence of Rat MCP

GAAGAACACAAGTAGGGAAAGTCAGGAAACAGACCTACAGAAATGTAGGAGGCTCCGAGGAACAGAAAAATGCCACGTCACCGAAGATCCTTTCGCTGCTTGA

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Protein sequence of Rat MGF

gArgAlaProGlnThrGlyIleValAspLeuArgSerCysPheArgSerCysValArgCysLysProThrLysSerAlaArgS

erIleArgAlaGlnArgHisThrAspMetProLysThrGlnLysSerGlnProLeuSerThrHisLysArgLysLeuGlnArgArgLysGlySerThrLeu

Giuglielmi 59

Fig. 7.

cDNA sequence of Rabbit-MGF

TTCAGAACGGCATCGGATAGTCTCTGCTTCCTCCGAGCTCCTCAAGGAGCTCTGACATCTACTCTGCACCCCTCAAGGCCAAGGGCAGCCCCGTCTCCCTGCTCCAGGCC

AAACAAGACTACAGGATGTAGGAAGACCCCTCTGAGCAGGCCAGGAGCCCTTGCTGCAAGTACCTGTAACATTGGAAATACCGGCCAAAAAT

ପ୍ରକାଶକ ପରିଷଦ୍ୟ ମହାନ୍ତିରାଜ୍ୟ ପରିଷଦ୍ୟ

Protocol in sequence of rabbit MGP

oGlnThrGlyIleValAspGluCysCysPheArgSerCysAspLeuArgArgLeuGluMetTyrCysAlaProLeuLysProAlaLysAlaAaaArgSerValArgAlaGlnArg

Fig.8.

cDNA sequence of Human L.IGF-1

Exon 3

GGACCCGGAGACGCTCTGGGGCTTGACTGGATGCTCTTCAGTTCGTGTGAGACAGGGCTTTATTCAACAAAGCCCACACGGTATGGCTCCAGCAGTCGGAGGGGCC

TAGACAGGCATCGTGGATGAGTGGCTGGCTCCGGAGCTCATTAAGGAGGCTGGAGATCTATTGGCACCCCTCAAAGCCCTGCCAAGTCAGCTCGTCCGTGCCAGCGCC

Exon 6

ACACCGACATGCCAAGGACCCAGAACGAAAGTACATTGAAAGAACGCAAGTAGGGGAGTGGCAGGAAACAAGAACTACAGGATGTAG

Protein sequence of Human L.IGF-1

Exon 3

GlyProGluThrLeuCysGlyAlaGluLeuValAspAlaLeuGlnPheValCysAspArgGlyPheTyrPheAsnLysProThrGlyTyrGlySerSerArgArgAlaPr

oGlnTheGlyIleValAspGluCysCysPheArgSerCysAspLeuArgArgLeuGluMetTyrCysAlaProLeuLysProAlaLysSerAlaArgSerValArgAlaGlnArgH

Exon 6

isThrAspMetProLysThrGlnLysAsnLeuLysAsnAlaSerArgGlySerAlaGlyAsnLysAsnTyrArgMet

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cDNA sequence of Rat L. IGF-1

ACAGAACGGGATTTGGATGAGTGTGCCTCCGGAGGCTTGACTGTGAGGGCTGGAGATGTACTGTCAGCTCGTACAAAGCTTCCA1TCGGGCCAGGCC

ACACTGACATGCCAAGACTCAGAACTAACACAAGTTAGAGGAAGCTTACAGAAAGGACCTTACCTCCAGGGACAGAAAATGCCA
Exon 6

ACAACTAAACATTCCCCGGGATTC

Prot in sequence of Rat IgGF-1

isThrAspMetProLysThrGlnLysGluValHisLeuLysAsnThrSerArgGlySerAlaGlyAsnLysTyrTyrArgMet

10

cDNA sequence of Rabbit-L.IGF-1

GGCCACCGCAGGACCCTTCTGCTCTGCACAGTTACCTGTAAACATTGGAATACGGCCAAAATAAGTTGATCATTCAAGATGGCATTTCCCCAATGAAATACACAAGTA
AACATTC

Protein sequence of Rabbit IgE-1

pGlnThrGlyIleValAspGluCysCysPheArgSerCysAspLeuArgLeuGluMetTyrCysAlaAlaArgSerValArgAlaGlnArgH

Exon 6
isThrAspMetProLysThrGlnLysGluValHisIleUlysAsnThrSerArgGlySerAlaGlyAsnLysAsnTyrArgMet

Fig. 11.

		Exon 4									
Hu MGF -	A	sn Lys Pro Thr Gly Ser ser Arg Arg Ala Pro Gln Thr Gly Ile Val Asp Glu Cys Cys Cys Phe									
Rat MGF -	A	sn Lys Pro Thr Val Tyr Gly Ser Ser Arg Arg Ala Pro Gln Thr Gly Ile Val Asp Glu Cys Cys Phe									
Rab MGF -	A	sn Lys Pro Thr Gly Tyr Gly Ser Ser Arg Arg Ala Pro Gln Thr Gly Ile Val Asp Glu Cys Cys Phe									
Hu IGF -	A	sn Lys Pro Thr Gly Tyr Gly Ser Ser Arg Arg Ala Pro Gln Thr Gly Ile Val Asp Glu Cys Cys Phe									
Rat IGF -	A	sn Lys Pro Thr Val Tyr Gly Ser Ser Ile Arg Arg Ala Pro Gln Thr Gly Ile Val Asp Glu Cys Cys Phe									
Rab IGF -	A	sn Lys Pro Thr Gly Tyr Gly Ser Ser Arg Arg Ala Pro Gln Thr Gly Ile Val Asp Glu Cys Cys Phe									

		Exon 5									
Hu MGF -	Arg Ser Cys Asp Leu Arg Arg Leu Glu Met Tyr Cys Ala Pro Leu Lys Pro Ala Lys Ser Ala Arg Ser Val										
Rat MGF -	Arg Ser Cys Asp Leu Arg Arg Leu Glu Met Tyr Cys Val Arg Cys Lys Pro Thr Lys Ser Ala Arg Ser Ile										
Rab MGF -	Arg Ser Cys Asp Leu Arg Arg Leu Glu Met Tyr Cys Ala Pro Leu Lys Pro Ala Lys Ser Ala Arg Ser Val										
Hu IGF -	Arg Ser Cys Asp Leu Arg Arg Leu Glu Met Tyr Cys Ala Pro Leu Lys Pro Ala Lys Ser Ala Arg Ser Val										
Rat IGF -	Arg Ser Cys Asp Leu Arg Arg Leu Glu Met Tyr Cys Val Arg Cys Lys Pro Thr Lys Ser Ala Arg Ser Ile										
Rab IGF -	Arg Ser Cys Asp Leu Arg Arg Leu Glu Met Tyr Cys Ala Pro Leu Lys Pro Ala Lys Ser Ala Arg Ser Val										

		Exon 6									
Hu MGF -	Ser Gln Arg Arg Lys G	ly	ser	Thr	Phe	Glu	Glu	His	Lys		
Rat MGF -	Leu Gln Arg Arg Lys G	ly	ser	Thr	Leu	Glu	Glu	His	Lys		
Rab MGF -	Ser Gln Arg Arg Lys G	ly	ser	Thr	Phe	Glu	Glu	His	Lys		
Hu IGF -											
Rat IGF -											
Rab IGF -											

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Fig. 12.

